

WHAT IS CLAIMED IS:

1. A positional information management system comprising:

a tag attached to an article and having a tag IC for storing a tag ID;

a plurality of detectors each having a detector ID and being installed in a hotel, for detecting the tag ID via transmittance from the tag IC, the tag ID and the detector ID being transmitted;

recording means for recording a pair of the tag ID and the detector ID, and a time at which the detector has detected; and

positional information management means including the recording means, for managing positional information of the article, base on the pair and the time.

2. The positional information management system according to Claim 1,

wherein said positional information management means records a relationship between the article and the tag ID and specifies the article based on the tag ID.

3. The positional information management system according to Claim 2,

wherein the tag comprises a detachable sticker.

4. The positional information management system according to Claim 1,

wherein the positional information management means specifies a position of the article based on the detector ID, and specifies the time so as to obtain a movement history of the article.

5 5. The positional information management system according to Claim 1,

wherein the detectors each have specific ranges in which each of the detectors detects the tag ID;

10 wherein the positional management system detects a movement state of the article, based on the specific ranges and the tag ID detected in the specific ranges.

6. The positional information management system according to Claim 1,

15 wherein the positional information management means specifies the detector ID based on the tag ID of the article to specify a position of the article based on the detector ID.

20 7. The positional information management system according to Claim 6,

further comprising a terminal connected with the positional information management means, and

25 wherein, when the tag ID is input into the terminal, the positional information management means searches for the article based on the tag ID to

transmit the positional information of the article to the terminal.

8. The positional information management system according to Claim 6,

5 wherein the recording means records a relationship between a name of a user related to the article and the tag ID of the tag, and the positional information management means specifies the tag ID of the article based on the name of the user.

10 9. The positional information management system according to Claim 8,

further comprising a terminal connected with the positional information management means, and

15 wherein, when the name of the user is input into the terminal, the positional information management means searches for the article of the user based on the name to transmit the positional information of the article to the terminal.

20 10. The positional information management system according to Claim 1,

wherein a user related to the article comprises a customer of the hotel and a staff member of the hotel, the positional information management system further comprises service management means for managing services for the customer; the service management 25 means transmitts the tag ID of the article to the

5       positional information management means; the positional information management means specifies the detector ID to transmit positional information of the detector with the detector ID to the service management means; and the service management means manages the services for the article based on the positional information.

10      11. The positional information management system according to Claim 1,

15      wherein the positional information management means determines an area defined by at least one of the detector ID and determines whether or not the article is in the area based on the detector ID.

20      12. The positional information management system according to Claim 11,

25      wherein the positional information management system defines the area as a restricted area and manages security by generating an alarm or by setting a flag in the recording means when the article is in the restricted area.